**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

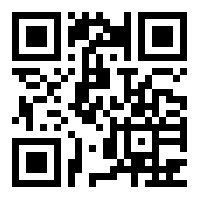
Animal Intelligence – Crows

**View BOTH videos, then answer the questions**



josh klein: the intelligence of crows

<http://www.ted.com/talks/joshua_klein_on_the_intelligence_of_crows.html>



Science in Action: Crow Intelligence

http://youtu.be/cpgCQj-sgqk

**QUESTIONS:**

1. Do you think the crow "vending machine" represents learned or innate behavior? Give specific reasons for your answer.
2. Do you think crows have benefited from the spread of *Homo sapiens* over the planet? Explain your reasoning fully.
3. Do you find it surprising that some species take advantage of circumstances that are harmful to other species? Why or why not? What does this say about the interconnectedness of living organisms?
4. Joshua Klein states that the crow with the wire had never seen another organism bend a wire. What kind of life would this crow have led for this statement to be shown absolutely true? Would you be less impressed to find out the crow had seen this behavior at some point in its life and remembered it, rather than spontaneously generating the behavior?

**Extra Credit**

Can you think of an experiment to determine if the crows in Japan that use cars to crack nuts learned this behavior from one another or all figured out this behavior independently? Remember in all good experimental designs you need to control and isolate variables as much as possible.